

FIG. 1A

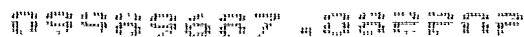


FIG. 1 B

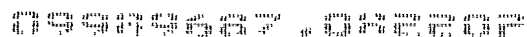


FIG. 2A

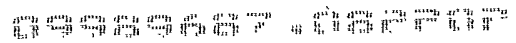
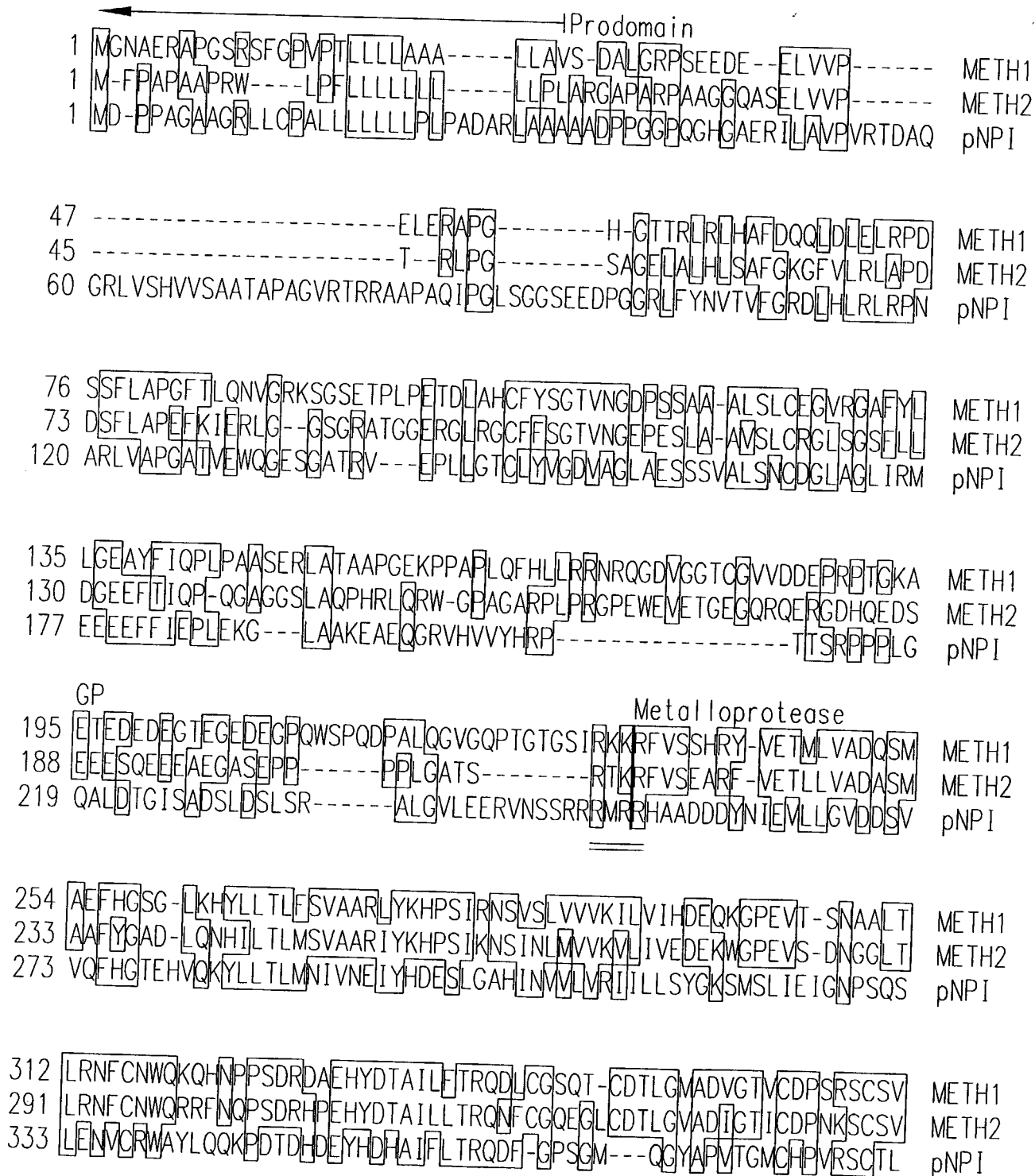
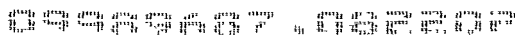


FIG. 2B



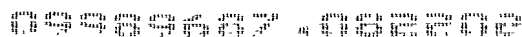
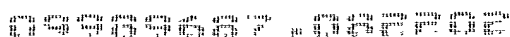


FIG. 3B

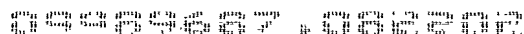


1199 KEMLGKF pNPI

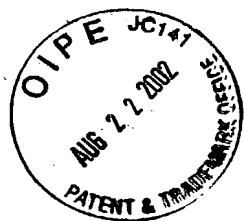
FIG. 3C







**FIG.5**



099999997, 009999997

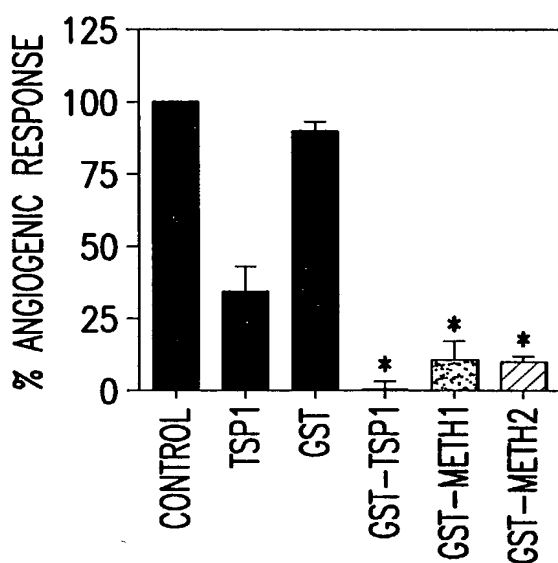


FIG.6A

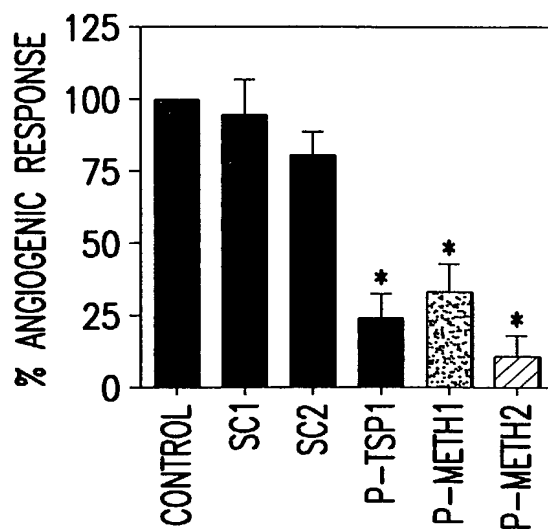


FIG.6B

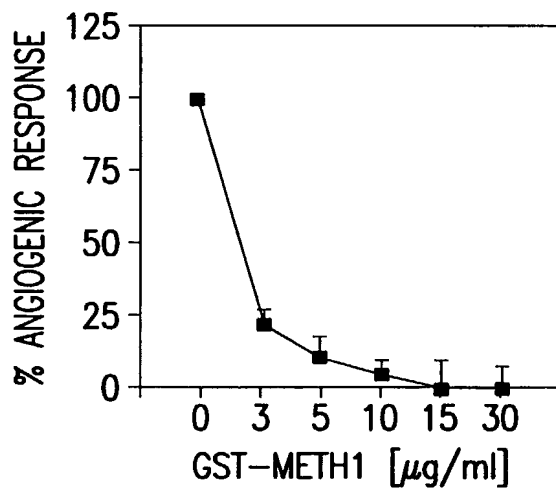


FIG.6C

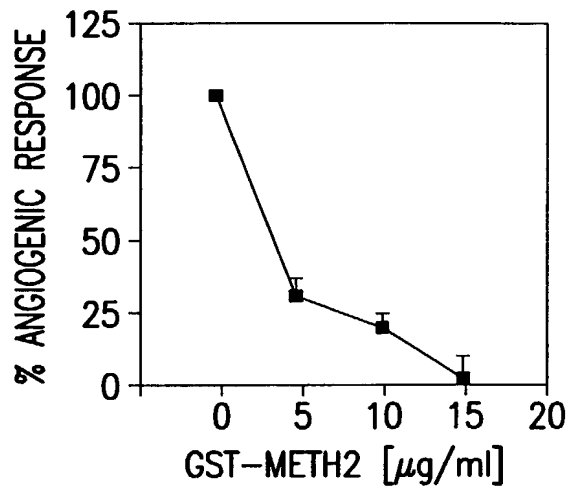
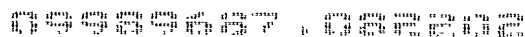
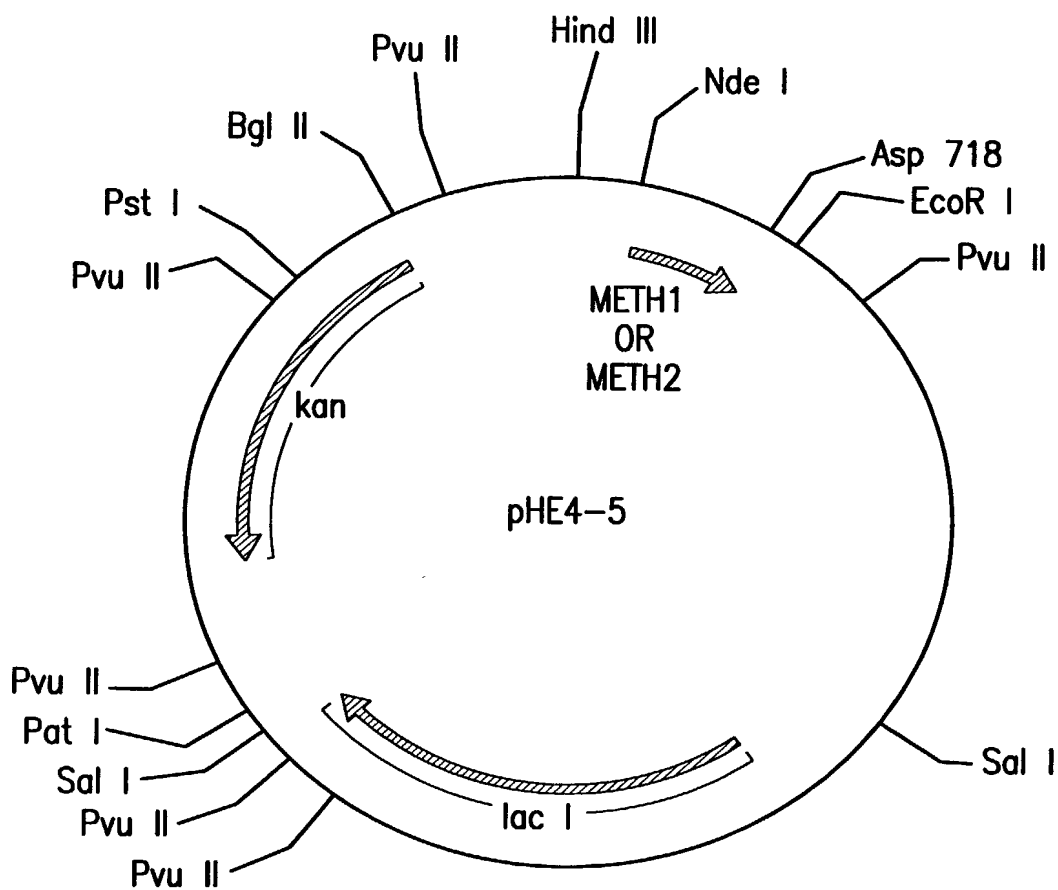
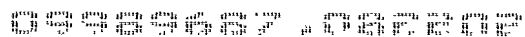


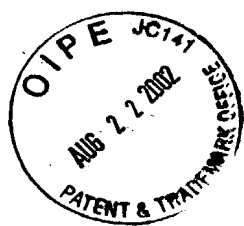
FIG.6D





**FIG.7E**





```

1AAGC77 AAAAACCTGCAAAATAAGTTTGACTTTGTGAGCGGATAACAAAT
-35 Operator1

```

Operator2

-10

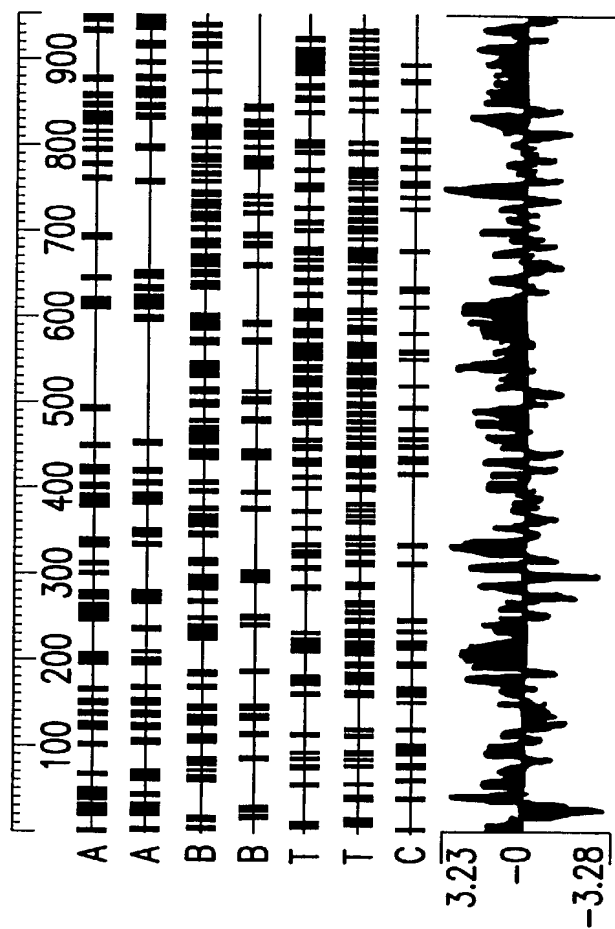
50

T A A G A T G T A C C C A A T T G T G A G C G G A T A A C A A T T C A C A C A T T A A

94 A G A G G A G A A A T T A C A T A T G S/D

**FIG. 9**

[illegible]



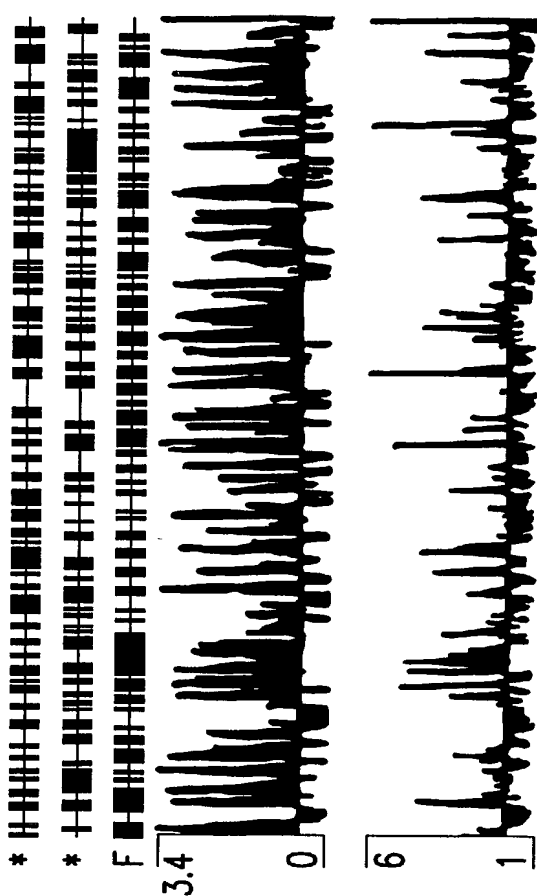
- Alpha, Regions – Garnier–Robson
- Alpha, Regions – Chou–Fasman
- Beta, Regions – Garnier–Robson
- Beta, Regions – Chou–Fasman
- Turn, Regions – Garnier–Robson
- Turn, Regions – Chou–Fasman
- Coil, Regions – Garnier–Robson

■ Hydrophilicity Plot – Kyte-Doolittle

- Alpha, Amphipathic Regions – Eisenberg
- Beta, Amphipathic Regions – Eisenberg
- Flexible Regions – Karplus-Schulz

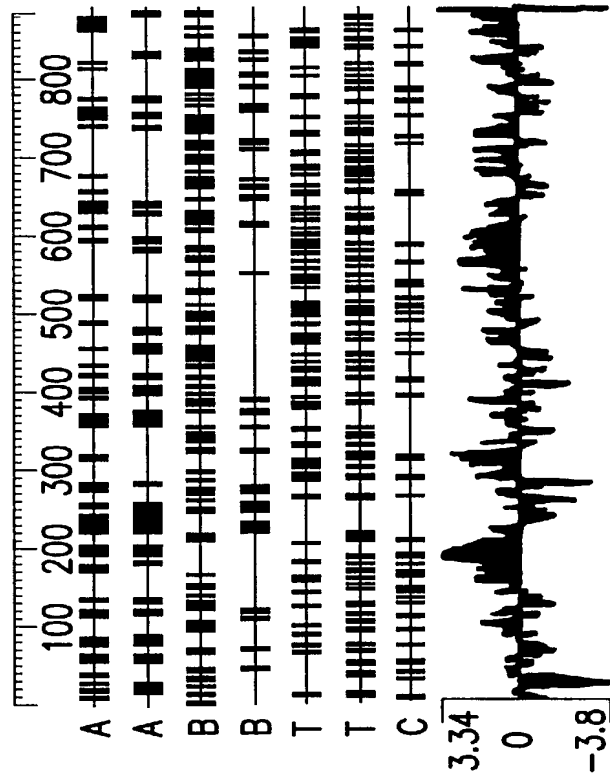
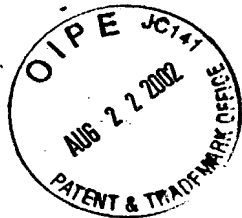
## Antigenic Index – Jameson–Wolf

■ Surface Probability Plot – Emini



**FIG. 10**

[illegible]



- Alpha, Amphipathic Regions – Eisenberg
- Beta, Amphipathic Regions – Eisenberg
- Flexible Regions – Karplus–Schulz

- Antigenic Index – Jameson–Wolf

- Surface Probability Plot – Emini

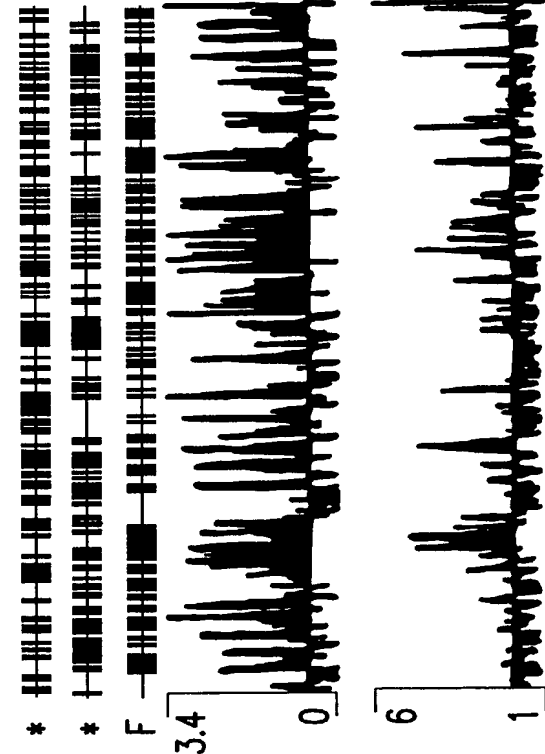


FIG.11